NO TAGGING

25596

# R/V DAN MOORE STATION LOG

| VESSEL (1) | STATION (2-5) | CRUISE NO. (6-8) | MO. (9-14) | DAY | YEAR | GRID (15-17) | LATITUDE (18-21) | LONGITUDE (22-25) |
|---|---|---|---|---|---|---|---|---|
| M | 2595 | 036 | 10 | 15 | 74 | 27AJ | 3514 | 7536 |

| DEPTH (26-29) | SUR. TEMP. (30-31) | BTM TEMP. (32-33) | AIR TEMP (34-35) | BAROMETER (36-38) | BT (39) | WIND DIR. (40-41) | WIND SPD. (42-43) |
|---|---|---|---|---|---|---|---|
| 0003 | 22 | 23 | 29 | 025 | Y | S | 15 |

| S.C. (44) | WEA. (45-46) | BTM TYPE (47-48) | BTM REG (49) | GEAR TYPE (50-51) | GEAR SIZE (52-54) | OP (55) | TM. START (56-57) | MIN. FISHED (58-60) |
|---|---|---|---|---|---|---|---|---|
| 1 | PC | SA | E | FT | 070 | — | 18 | 030 |

| RIG (61-62) | TOTAL FINFISH (63-67) | TOTAL CRUSTACEANS (68-71) | TOTAL SHELLFISH (72-75) | TOTAL OTHER (76-80) |
|---|---|---|---|---|
| 01 | 01505 | 0000 | 0000 | 00000 |

| RIG (61-62) | TOTAL FINFISH (63-67) | TOTAL CRUSTACEANS (68-71) | TOTAL SHELLFISH (72-75) | TOTAL OTHER (76-80) |
|---|---|---|---|---|
| — | — | — | — | — |

| POSITION | LATITUDE | LONGITUDE | LORAN | | DEPTH fms | C/C | TIME ON STATION | |
|---|---|---|---|---|---|---|---|---|
| | | | 3H6 | 3L1 | | | PO | DO |
| START | 35°14′ | 75°36′ | 1040 | 4821 | 3 | | 1733 | 1734 |
| | | | | | | | PU | ON |
| FINISH | 35°14′ | 75°34′ | 1026 | 4818 | 3 | | 1804 | 1807 |

| LENGTH WARF | SHIFT RPM | PITCH | GEAR DATA: |
|---|---|---|---|
| 75 | 900/5 2 | 50 | |

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

Surface Temp. 22.4°C Bottom 22.9°C - 22FT.

OBSERVATIONS

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R/V DAN MOORE SPECIES LIST

STA. NO. 2595 DATE 15 Oct. 1974 BIOLOGISTS BFH, ABP

Tens. TOT.CATCH WT. 1500 Finfish: 1505 Crust.: — Moll.: — Other —

AIR 29 c SURFACE 22.4 c Bott. 22.9 c

Factor = 15.904 27A5

| SPECIES | CODE | NUMBER | WEIGHT | DATA TAKEN | REMARKS |
|---|---|---|---|---|---|
| Flounder | | 16 | 54 | | Included in total |
| | | | | | |
| SUBSAMPLE | 48+52 = | | 100 | $\bar{X}$ = 50 | |
| | | | | lbs | Kg |
| Larimus fasciata | | 58 | 10 | 159 | 72.2 |
| Cynoscion regalis | | 54 | 8 | 127 | 57.8 |
| Leiostomus xanthurus | | 94 | 14 | 223 | 101.1 |
| Micropogon undulatus | | 60 | 12 | 191 | 86.6 |
| Stenotomus caprinus | | 390 | 42 | 668 | 303.3 |
| Menticirrhus americanus | | 37 | 7 | 111 | 50.5 |
| Menticirrhus saxatilis | | 1 | .15kg | 5 | 2.4 |
| Peprilus triacanthus | | 8 | .30kg | 10 | 4.8 |
| Vomer setapinnis | | 2 | .10kg | 3 | 1.6 |
| Prionotus sp | | 1 | .10kg | 3 | 1.6 |
| | | | | | |
| | | Total = | 42.87 Kg | 1500 | 681.9 |
| | | | 94.32 lbs | | |

Species: Parolichthys dentatus (1974 - 1975)

| Specimen Number | T.L. | Sex | Otoliths | Gonads | Fecundity | Back-calc. | Age | Gonad Stage | Station Number | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 10-1164 | 281 | ♀ | ✓ | — | — | | | I | 2592 ✓ | Oct '74 |
| 10-1165 | 308 | ♀ | ✓ | — | — | | | I | " | Area III |
| 10-1166 | 224 | ♀ | ✓ | — | — | | | I | " | |
| 10-1167 | 268 | ♂ | ✓ | — | — | | | I | " | |
| 10-1168 | 280 | ♂ | ✓ | — | — | | | I | " | |
| 10-1169 | 288 | ♂ | ✓ | — | — | | | I | " | |
| 10-1170 | 252 | ♂ | ✓ | — | — | | | I | " | |
| 10-1171 | 216 | ♀ | ✓ | — | — | | | I | " | |
| 10-1172 | 198 | ♀ | ✓ | — | — | | | I | " | |
| 10-1173 | 231 | ♂ | ✓ | — | — | | | I | " | |
| 10-1174 | 222 | ♂ | ✓ | — | — | | | I | " | |
| 10-1175 | 338 | ♀ | ✓ | 2.4 | — | | | II | " | |
| 10-1176 | 287 | ♂ | ✓ | — | — | | | I | " | |
| 10-1177 | 222 | ♂ | ✓ | — | — | | | I | " | |
| 10-1178 | 194 | ♀ | ✓ | — | — | | | I | " | |
| 10-1179 | 221 | ♂ | ✓ | — | — | | | I | " | |
| 10-1180 | 218 | ♀ | ✓ | — | — | | | II | " | |
| 10-1181 | 220 | ♀ | ✓ | — | — | | | II | " | |
| 10-1182 | 205 | ♂ | ✓ | — | — | | | I | " | |
| 10-1183 | 242 | ♂ | ✓ | — | — | | | I | " | |
| 10-1184 | 196 | ♀ | ✓ | — | — | | | II | " | |
| 10-1185 | 172 | ♂ | ✓ | — | — | | | I | " | |
| 10-1186 | 203 | ♂ | ✓ | — | — | | | I | " | |
| 10-1187 | 285 | ♀ | ✓ | — | — | | | II | " | |
| 10-1188 | 242 | ♂ | ✓ | — | — | | | I | " | |
| 10-1189 | 248 | ♀ | ✓ | — | — | | | II | " | |
| 10-1190 | 192 | ♂ | ✓ | — | — | | | I | " | |
| 10-1191 | 240 | ♂ | ✓ | — | — | | | I | " | |
| 10-1192 | 209 | ♂ | ✓ | — | — | | | I | " | |
| 10-1193 | 218 | ♂ | ✓ | — | — | | | I | " | |
| 10-1194 | 245 | ♂ | ✓ | — | — | | | I | " | |
| 10-1195 | 239 | ♀ | ✓ | — | — | | | II | " | |
| 10-1196 | 241 | ♀ | ✓ | — | — | | | II | " | |
| 10-1197 | 202 | ♀ | ✓ | — | — | | | II | " | |
| 10-1198 | 284 | ♀ | ✓ | — | — | | | II | " | |
| 10-1199 | 274 | ♂ | ✓ | — | — | | | I | " | |
| 10-1200 | 285 | ♂ | ✓ | — | — | | | I | " | |
| 10-1201 | 269 | ♀ | ✓ | — | — | | | II | " | |
| 10-1202 | 328 | ♀ | ✓ | 1.5 | — | | | II | " | |
| 10-1203 | 370 | ♂ | ✓ | — | — | | | I ? | " | |
| 10-1204 | 224 | ♂ | ✓ | — | — | | | I | 2595 | Oct '74 |
| 10-1205 | 185 | ♀ | ✓ | — | — | | | II | " | Area III |
| 10-1206 | 209 | ♂ | ✓ | — | — | | | I | " | |
| 10-1207 | 207 | ♂ | ✓ | — | — | | | I | " | |
| 10-1208 | 279 | ♂ | ✓ | — | — | | | I | " | |
| 10-1209 | 249 | ♂ | ✓ | — | — | | | I | " | |
| 10-1210 | 232 | ♂ | ✓ | — | — | | | I | " | |

Species: Pachichthys dentatus (1974-1975)

| Specimen Number | T.L. | Sex | Otoliths | Gonads | Fecundity | Back-calc. | Age | Gonad Stage | Station Number | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 10-1211 | 185 | ♂ | ✓ | — | — | | | — | 2595 ✓ | Oct '74 |
| 10-1212 | 211 | ♀ | ✓ | — | — | | | I | 〃 | Area III |
| 10-1213 | 285 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1214 | 221 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1215 | 302 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1216 | 261 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1217 | 236 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1218 | 278 | ♂ | ✓ | — | — | | | — | 2591 ✓ | Oct '74 |
| 10-1219 | 369 | ♀ | ✓ | 2.9 | — | | | II | 〃 | Area III |
| 10-1220 | 225 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1221 | 224 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1222 | 189 | ♂♀ | ✓ | — | — | | | I | 〃 | |
| 10-1223 | 215 | ♀ | ✓ | — | — | | | I | 〃 | |
| 10-1224 | 198 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1225 | 228 | ♂ | — | — | — | | | — | 〃 | |
| 10-1226 | 209 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1227 | 201 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1228 | 262 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1229 | 208 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1230 | 234 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1231 | 207 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1232 | 209 | ♀ | ✓ | — | — | | | I | 〃 | |
| 10-1233 | 253 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1234 | 240 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1235 | 285 | ♀ | ✓ | — | — | | | I | 〃 | |
| 10-1236 | 205 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1237 | 220 | ♀ | — | — | — | | | I | 〃 | |
| 10-1238 | 229 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1239 | 286 | ♀ | ✓ | — | — | | | I | 〃 | |
| 10-1240 | 251 | ♂ | — | — | — | | | — | 〃 | |
| 10-1241 | 271 | ♀ | ✓ | — | — | | | I | 〃 | |
| 10-1242 | 192 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1243 | 359 | ♀ | ✓ | 3.5 | — | | | II | 〃 | |
| 10-1244 | 258 | ♀ | ✓ | — | — | | | I | 〃 | |
| 10-1245 | 238 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1246 | 232 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1247 | 238 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1248 | 241 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1249 | 236 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1250 | 251 | ♀ | ✓ | — | — | | | I | 〃 | |
| 10-1251 | 221 | ♂ | — | — | — | | | — | 〃 | |
| 10-1252 | 234 | ♀ | ✓ | — | — | | | I | 〃 | |
| 10-1253 | 225 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1254 | 262 | ♀ | ✓ | — | — | | | I | 〃 | |
| 10-1255 | 250 | ♀ | ✓ | — | — | | | I | 〃 | |
| 10-1256 | 224 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1257 | 231 | ♂ | ✓ | — | — | | | — | 〃 | |
| 10-1258 | 200 | ♀ | ✓ | — | — | | | I | 〃 | |
| 10-1259 | 196 | ♂ | ✓ | — | — | | | — | 〃 | |

October, 1974 Species. Paralichthys Lethostigma (1974-1975)

| Specimen Number | T.L. | Sex | Otoliths | Gonads | Fecundity | Oocytes | Age | Gonad Stage | Station Number | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 10-1L | 465 | ♀ | ✓ | 8.8 | — | | | II | 2589 | |
| 10-2L | 355 | ♂ | L | — | — | | | — | 2603 | |
| 10-3L | 386 | ♀ | ✓ | 6.9 | — | | | III | 2607 | |
| 10-4L | 426 | ♀ | ✓ | 11.5 | — | | | III | 2602 | |
| 10-5L | 312 | ♂ | ✓ | — | — | | | — | 2614 | |
| 10-6L | 415 | ♀ | L | 5.2 | — | | | II | 2610 | Broken down |
| 10-7L | 504 | ♀ | L | 13.3 | — | | | II | 2587 | |
| 10-8L | 364 | ♂ | L | — | — | | | — | 2595 | |
| 10-9L | 503 | ♂ | - | 15.8 | — | | | III | 2608 | |
| 10-10L | 476 | ♀ | ✓ | 15.1 | — | | | II | 2601 | |
| 10-11L | 500 | ♀ | ✓ | 20.2 | — | | | III | 2601 | |
| 10-12L | 420 | ♀ | ✓ | 5.4 | | | | I or II | 2601 | |

October 1974 — *Paralichthys lethostigma*

| Specimen | TL | SEX | No. RINGS | RADIUS | |
|---|---|---|---|---|---|
| 10-1L | 465 | ♀ | 3 | 63 | 1-23 2-34 3-53 |
| 10-2L | 355 | ♂ | 2 | 55 | 1-14 2-43 |
| 10-3L | 386 | ♀ | 1 | 57 | 1-43 |
| 10-4L | 426 | ♀ | 3 | 63 | 1-23 2-40 3-53 |
| 10-5L | 312 | ♂ | 3 | 54 | 1-20 2-43 3-50 |
| 10-6L | 415 | ♀ | 1 | 61 | 1-50 POOR |
| 10-7L | 504 | ♀ | 3 | 66 | 1-26 2-44 3-58. |
| 10-8L | 364 | ♂ | 3 | 51 | 1-18 2-28 3-46 |
| 10-9L | 503 | ♀ | 2 | 57 | 1-27 2-52 |
| 10-10L | 476 | ♀ | 2 | tip broken | 1-27 2-54 |
| 10-11L | 500 | ♀ | 3 | 68 | 1-20 2-36 3-55 |
| 10-12L | 420 | ♀ | - | - | OTOLITH DETERIORATED |

Otoliths from first sheet